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* * * * * STN Columbus * * * * *
FILE 'HOME' ENTERED AT 20:35:29 ON 23 JUN 2006

=> index biosci
FILE 'DRUGMONO2' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE TOTAL
ENTRY SESSION
0.21 0.21

INDEX 'ADISCT1, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECABS, BIOTECABS, BIOTECNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONO2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:35:48 ON 23 JUN 2006

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
Search error messages that display as 0* with SET DETAIL OFF.

=> s PS49C
1 FILE BIOTECABS
1 FILE BIOTECABS
1 FILE CAPLUS
2 FILE CROBU
8 FILE DGENE
31 FILES SEARCHED...
3 FILE IFIPAT
5 FILE USPATFUL
1 FILE USPAT2
1 FILE WPIIDS
66 FILES SEARCHED...
1 FILE WPINDEX

10 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L1 QUE PS49C

=> file hits
COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE TOTAL
ENTRY SESSION
0.61 0.82

FILE 'DGENE' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'USPATFUL' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'IFIPAT' ENTERED AT 20:36:36 ON 23 JUN 2006
COPYRIGHT (C) 2006 IFI CLAIMS(R) Patent Services (IFI)

FILE 'CROPU' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'BIOTECABS' ACCESS NOT AUTHORIZED

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FILE 'CAPLUS' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'USPAT2' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'WPIIDS' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s 11
L2 22 L1

=> dup rem 12
DUPLICATE IS NOT AVAILABLE IN 'DGENE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L2
17 DUP REM L2 (5 DUPLICATES REMOVED)

=> s 13 and 17
L4 5 L3 AND 17

=> d 14 bib ab 1-5

L4 ANSWER 1 OF 5 USPATFUL ON STN
AN 2004:167224 USPATFUL <<JGJNID::20060623>>
T1 Polynucleotides, pesticidal proteins, and novel methods of using them
IN Narva, Kenneth E., Carlsbad, CA, UNITED STATES
PA Merlo, Donald J., Carmel, IN, UNITED STATES
Myocogen Corporation, Indianapolis, IN, UNITED STATES, 46268-1054 (U.S.
corporation)
P1 US 2004:128716 A1 20040701
A1 US 2003:698096 A1 20031031 (10)
RUI Continuation-in-part of Ser. No. US 2001-850351, filed on 7 May 2001,
GRANTED, Pat. No. US 6656908 Continuation-in-part of Ser. No. US
1999-307106, filed on 7 May 1999, GRANTED, Pat. No. US 6603063
Continuation of Ser. No. US 1997-960780, filed on 30 Oct 1997, GRANTED,
Pat. No. US 6204435 Continuation of Ser. No. US 1998-73898, filed on 6
May 1998, GRANTED, Pat. No. US 6242669
PRA1 US 1996-29848P 19961030 (60)
DT Utility
FS APPLICATION
LREP SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W.
41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669
CUM Number of Claims: 31
ECL Exemplary Claim: 1
DRW 1 Drawing Page(s)
LN CNT 2649
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Disclosed and claimed are novel Bacillus thuringiensis isolates,
pesticidal toxins, and genes. The subject invention also provides novel

```

methods of controlling diamond back moths.

L4 ANSWER 2 OF 5 USPTAFULL on STN  
AN 2002:187154 USPTAFULL <<LOGINID::20060623>>  
T1 Novel pesticidal toxins and nucleotide sequences which encode these toxins  
IN Feltelson, Jerald S., San Diego, CA, UNITED STATES  
Schnepf, H. Ernest, San Diego, CA, UNITED STATES  
Narva, Kenneth E., San Diego, CA, UNITED STATES  
Stoekhoff, Brian A., San Diego, CA, UNITED STATES  
Schmeits, James, La Jolla, CA, UNITED STATES  
Loewer, David, San Diego, CA, UNITED STATES  
Dullum, Charles Joseph, San Diego, CA, UNITED STATES  
Muller-Cohn, Judy, Del Mar, CA, UNITED STATES  
Stamp, Lisa, Del Mar, CA, UNITED STATES  
Mortill, George, El Cajon, CA, UNITED STATES  
Finstad-lae, Stacey, San Diego, CA, UNITED STATES  
US 2002100080 A1 20020725  
P1 US 6656908 B2 20031202  
US 2001-850351 A1 20010507 (9)  
R1 Continuation of Ser. No. US 1998-73898, filed on 6 May 1998, GRANTED, Pat. No. US 6242669 Continuation-in-part of Ser. No. US 1997-960780, filed on 30 Oct 1997, GRANTED, Pat. No. US 6204435  
PRAI US 1996-29848P 19961030 (60)  
DT Utility  
FS APPLICATION  
LREP SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W. 41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669  
CLMN Number of Claims: 22  
ECL Exemplary Claim: 1  
DRMN No Drawings  
LN CNT 4425  
AB CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
Disclosed and claimed are novel Bacillus thuringiensis isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from Bacillus isolates.  
L4 ANSWER 3 OF 5 USPTAFULL on STN  
AN 2001:82994 USPTAFULL <<LOGINID::20060623>>  
T1 Pesticidal toxins and nucleotide sequences which encode these toxins  
IN Feltelson, Jerald S., San Diego, CA, United States  
Schnepf, H. Ernest, San Diego, CA, United States  
Narva, Kenneth E., San Diego, CA, United States  
Stoekhoff, Brian A., San Diego, CA, United States  
Schmeits, James, San Diego, CA, United States  
Loewer, David, San Diego, CA, United States  
Dullum, Charles Joseph, San Diego, CA, United States  
Muller-Cohn, Judy, Del Mar, CA, United States  
Stamp, Lisa, San Diego, CA, United States  
Mortill, George, El Cajon, CA, United States  
Finstad-lae, Stacey, San Diego, CA, United States  
Mycogen Corporation, Indianapolis, IN, United States (U.S. corporation)  
PA US 6242669 B1 20010603  
P1 US 1998-73898 19980506 (9)  
A1

R1 Continuation-in-part of Ser. No. US 1997-960780, filed on 30 Oct 1997  
PRAI US 1996-29848P 19961030 (60)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Bugalsky, Gabriele E.  
LREP Salwanchik, Lloyd & Salwanchik  
CLMN Number of Claims: 48  
ECL Exemplary Claim: 13  
DRMN No Drawings  
LN CNT 2079  
AB CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
Disclosed and claimed are novel Bacillus thuringiensis isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from Bacillus isolates.  
L4 ANSWER 4 OF 5 USPTAFULL on STN  
AN 2001:40649 USPTAFULL <<LOGINID::20060623>>  
T1 Pesticidal toxins and nucleotide sequences which encode these toxins  
IN Feltelson, Jerald S., San Diego, CA, United States  
Schnepf, H. Ernest, San Diego, CA, United States  
Narva, Kenneth E., San Diego, CA, United States  
Stoekhoff, Brian A., San Diego, CA, United States  
Schmeits, James, San Diego, CA, United States  
Loewer, David, San Diego, CA, United States  
Dullum, Charles Joseph, San Diego, CA, United States  
Muller-Cohn, Judy, Del Mar, CA, United States  
Stamp, Lisa M., San Diego, CA, United States  
Mycogen Corporation, Indianapolis, IN, United States (U.S. corporation)  
PA US 6204435 B1 20010320  
P1 US 1997-960780 19971030 (8)  
A1 US 1996-29848P 19961030 (60)  
PRAI Utility  
DT Granted  
FS  
EXNAM Primary Examiner: Low, Christopher S. F.; Assistant Examiner: Bugalsky, Gabriele  
LREP Salwanchik, Lloyd & Salwanchik  
CLMN Number of Claims: 48  
ECL Exemplary Claim: 1  
DRMN No Drawings  
LN CNT 1929  
AB CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
Disclosed and claimed are novel Bacillus thuringiensis isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from Bacillus isolates.  
L4 ANSWER 5 OF 5 USPTAFULL on STN  
AN 97:86476 USPTAFULL <<LOGINID::20060623>>  
T1 Identification of, and uses for, nematocidal bacillus thuringiensis genes, toxins, and isolates  
IN Feltelson, Jerald S., San Diego, CA, United States  
Mycogen Corporation, San Diego, CA, United States (U.S. corporation)  
PA

```

P1 US 5670365 19970923
A1 US 1996-620717 19960321 (8)
R1 Continuation-in-part of Ser. No. US 1995-540104, filed on 6 Oct 1995
DT Utility
FS Granted
EXNAM Primary Examiner: Sisson, Bradley L.
LREP Saliwanchik, Lloyd & Saliwanchik
CLMN Number of Claims: 23
ECL Exemplary Claim: 1
DRAW No Drawings
LN CNT 1294
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Identification of genes encoding toxins active against nematodes and coleopterans. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The primers are also useful as nucleotide probes to detect the toxins-encoding genes. The subject invention also concerns novel isolates, toxins, and genes useful in the control of plant pests.

=> index biosci
FILE 'DRUGMONO' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL
FULL ESTIMATED COST 27.44 28.26

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOSIS, BIOTECHABS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, DDFB, DDFU, DEENE, DISABS, DRUGB, DRUGMONO, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:37:45 ON 23 JUN 2006

68 FILES IN THE FILE LIST IN STININDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s thuringiensis or bt
77 FILE ADISCTI
24 FILE ADISINSIGHT
8 FILE ADISNEWS
6097 FILE AGRICOLA
124 FILE ANABSTR
305 FILE ANTE
75 FILE AQUALINE
535 FILE AQUASCI
3340 FILE BIOENG
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->

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<-----User Break----->
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<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->

=> s (thuringiensis or bt) (p) (sup or supernatant)
9 FILE ADISCTI
10 FILE ADISINSIGHT
1* FILE ADISNEWS
17 FILE AGRICOLA
3 FILE ANABSTR
0* FILE ANTE
1* FILE AQUALINE
7 FILE AQUASCI
28* FILE BIOENG
87 FILE BIOSIS
0* FILE BIOTECHABS
11 FILES SEARCHED...
64* FILE BIOTECHDS
664* FILE BIOTECHNO
58 FILE CABA
105 FILE CAPLUS
22* FILE CEABA-VTB
1* FILE CIN
1 FILE CROPB
61 FILE CROPU
120 FILE DEENE
1 FILE DISABS
11 FILE DRUGU
39 FILE EMBASE
87* FILE ESBIOBASE
30 FILES SEARCHED...
0* FILE FOMAD
0* FILE FORGE
4* FILE FROSTI
57* FILE FSTA
51 FILE GENBANK
47 FILE IFIPAT
9 FILE JICST-EPUS
1* FILE KOSMET
41 FILE LIFESCI
51 FILE MEDLINE
24* FILE NTIS
0* FILE NUTRACEUT
1794* FILE PASCAL
48 FILES SEARCHED...
0* FILE PHARMATL
50 FILE PROMT
2 FILE RDISCLOSURE
48 FILE SCISEARCH
107 FILE TOXCENTER
5081 FILE USPATFULL
627 FILE USPAT2
5 FILE VETU
1* FILE WATER
28 FILE WPIDS

```

```

1 FILE WPIV
0+ FILE WPIINDEX

42 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STINDEX
L5 QUE (THURINGIENSIS OR BT) (P) (SUP OR SUPERNATANT)
=> s 15 (p) toxin
1+ FILE ADISNEMS
3 FILE AGRICOLA
0+ FILE ANTE
0+ FILE AQUALINE
8+ FILE BIOENG
16 FILE BIOSIS
0+ FILE BIOTECBAS
11 FILES SEARCHED...
13+ FILE BIOTCHDS
154+ FILE BIOTCHNO
11 FILE CABA
18 FILE CAPUS
3+ FILE CEABA-VTB
1+ FILE CIN
16 FILE CROPU
118 FILE DGENE
5 FILE EMBASE
153+ FILE ESBIOBASE
0+ FILE FORAD
0+ FILE FOREGE
1+ FILE FROSTI
4+ FILE FSTA
34 FILES SEARCHED...
42 FILE GENBANK
3 FILE IFIPAT
2 FILE JICST-EPJUS
1+ FILE KOSMET
7 FILE LIFESC1
9 FILE MEDLINE
0+ FILE NTIS
0+ FILE NUTRACEUT
176+ FILE PASCAL
0+ FILE PHARMAML
1 FILE PROT
8 FILE SCISEARCH
29 FILE TOXCENTER
175 FILE USPATFUL
14 FILE USPAT2
3 FILE VETU
64 FILES SEARCHED...
0+ FILE WATER
6 FILE WPIIDS
0+ FILE WPIINDEX

30 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STINDEX
L6 QUE L5 (P) TOXIN
=> d rank

```

```

F1 176+ PASCAL
F2 175 USPATFUL
F3 154+ BIOTCHNO
F4 153+ ESBIOBASE
F5 118 DGENE
F6 42 GENBANK
F7 29 TOXCENTER
F8 18 CAPUS
F9 16 BIOSIS
F10 16 CROPU
F11 14 USPAT2
F12 13+ BIOTCHDS
F13 11 CABA
F14 9 MEDLINE
F15 8 SCISEARCH
F16 8+ BIOENG
F17 7 LIFESC1
F18 6 WPIIDS
F19 5 EMBASE
F20 4+ FSTA
F21 3 AGRICOLA
F22 3 IFIPAT
F23 3 VETU
F24 3+ CEABA-VTB
F25 2 JICST-EPJUS
F26 1 PROT
F27 1+ ADISNEMS
F28 1+ CIN
F29 1+ FROSTI
F30 1+ KOSMET

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=> file f1-f13
COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE ENTRY TOTAL
37.82 66.08

```

FILE 'PASCAL' ENTERED AT 21:14:58 ON 23 JUN 2006  
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```

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=> s l6
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BT' (P) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29 (P) TOXIN'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BT' (P) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29 (P) TOXIN'
FIELD CODE - 'AND' OPERATOR ASSUMED 'BT' (P) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29 (P) TOXIN'
6 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BT' (P) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29 (P) TOXIN'
L7 935 L6

=> dup rem l7
DUPLICATE IS NOT AVAILABLE IN 'DGENE, GENEBANK'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L7
L8 681 DUP REM L7 (254 DUPLICATES REMOVED)

=> s l8 and 'truncated'
MISMATCHED QUOTE 'TRUNCATED'
Quotation marks (or apostrophes) must be used in pairs,
one before and one after the expression you are setting
off or masking.

=> s l8 and truncated
L9 98 L8 AND TRUNCATED

```

```

=> s l9 and chimeric
L10 70 L9 AND CHIMERIC

=> d l10 trial 1-2
Dl10 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l10 trial 1-2
L10 ANSWER 1 OF 70 USPATFULL ON STN
AN 2006:138826 USPATFULL
TI Pharmaceutical proteins, human serum albumin
INCL INCLIN: 800/279.000
NCL INCLIN: 435/468.000
NCL NCLIN: 800/279.000
NCL NCLIN: 435/468.000
IC IPCI A01H0001-00 (1,A); C12N0015-02 (1,A)
GI SECTION PAGES FORMAT SIZE
-----
FRONT PAGE 1 PAGE.FP 74K
DRAWINGS 2-17 PAGE.DRAW 699K
DESCRIPTION 18-74 PAGE.DESC 5376K
CLAIMS 74-74 PAGE.CLAM 56K
COMPLETE 1-74 PAGE.ALL 6151K

Use PAGE(n) to retrieve a specific page

L10 ANSWER 2 OF 70 USPATFULL ON STN
AN 2006:9945 USPATFULL
TI Directed evolution of disulfide-bonded micro-proteins
INCL INCLIN: 435/007.100
NCL INCLIN: 530/328.000; 530/329.000
NCL NCLIN: 435/007.100
NCL NCLIN: 530/328.000; 530/329.000
IC IPCI C40B0040-10 (1,A); C40B0040-04 (1,C*)
GI SECTION PAGES FORMAT SIZE
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FRONT PAGE 1 PAGE.FP 47K
DRAWINGS 2-17 PAGE.DRAW 253K
DESCRIPTION 18-269 PAGE.DESC 15300K
CLAIMS 269-270 PAGE.CLAM 110K
COMPLETE 1-270 PAGE.ALL 15687K

Use PAGE(n) to retrieve a specific page

=> s l10 and ps49c
L11 4 L10 AND PS49C

=> d his
(FILE 'HOME' ENTERED AT 20:35:29 ON 23 JUN 2006)

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INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOZ, DRUGJ, EMBAL, EMBASE, ...' ENTERED AT 20:35:48 ON 23 JUN 2006

SEA PS49C

-----  
1 FILE BIOTECHABS  
1 FILE BIOTECHDS  
1 FILE CAPLUS  
2 FILE CROPU  
8 FILE DGENE  
3 FILE IFIPAT  
5 FILE USPATFUL  
1 FILE USPAT2  
1 FILE WPIDS  
1 FILE WPINDEX  
QUE PS49C  
-----

L1  
FILE 'DGENE, USPATFUL, IFIPAT, CROPU, BIOTECHDS, CAPLUS, USPAT2, WPIDS'  
ENTERED AT 20:36:36 ON 23 JUN 2006

L2  
22 S L1

L3  
17 DUP REM L2 (5 DUPLICATES REMOVED)

L4  
5 S L3 AND 17

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOZ, DRUGJ, EMBAL, EMBASE, ...' ENTERED AT 20:37:45 ON 23 JUN 2006

SEA THURINGIENSIS OR BT

-----  
77 FILE ADISCTI  
24 FILE ADISINSIGHT  
8 FILE ADISNEWS  
6097 FILE AGRICOLA  
124 FILE ANABSTR  
305 FILE ANTE  
75 FILE AQUALINE  
535 FILE AQUASCI  
3340 FILE BIOENG  
15070 FILE BIOSIS  
0\* FILE BIOTECHABS

SEA (THURINGIENSIS OR BT) (P) (SUP OR SUPERNATANT)

-----  
9 FILE ADISCTI  
10 FILE ADISINSIGHT  
1\* FILE ADISNEWS  
17 FILE AGRICOLA  
3 FILE ANABSTR  
0\* FILE ANTE  
1\* FILE AQUALINE  
7 FILE AQUASCI  
28\* FILE BIOENG  
87 FILE BIOSIS  
0\* FILE BIOTECHABS  
64\* FILE BIOTECHDS  
664\* FILE BIOTECHNO

L5

59 FILE CABA  
105 FILE CAPLUS  
22\* FILE CEABA-VTB  
1\* FILE CIN  
1 FILE CROPU  
61 FILE CROPU  
120 FILE DGENE  
1 FILE DISSABS  
11 FILE DRUGJ  
39 FILE EMBASE  
877\* FILE ESBIOBASE  
0\* FILE FOMAD  
0\* FILE FOREG  
4\* FILE FROSTI  
57\* FILE FSTA  
51 FILE GENBANK  
47 FILE IFIPAT  
9 FILE JICST-EPLUS  
1\* FILE KOSMET  
41 FILE LIFESCI  
51 FILE MEDLINE  
24\* FILE NTIS  
0\* FILE NUTRACEUT  
1794\* FILE PASCAL  
0\* FILE PHARMAL  
50 FILE PROMT  
2 FILE RDISCLOSURE  
48 FILE SCISEARCH  
107 FILE TOXCENTER  
5081 FILE USPATFUL  
627 FILE USPAT2  
5 FILE VETU  
1\* FILE WATER  
28 FILE WPIDS  
1 FILE WPIDV  
0\* FILE WPINDEX  
QUE (THURINGIENSIS OR BT) (P) (SUP OR SUPERNATANT)

SEA L5 (P) TOXIN

-----  
1\* FILE ADISNEWS  
3 FILE AGRICOLA  
0\* FILE ANTE  
0\* FILE AQUALINE  
8\* FILE BIOENG  
16 FILE BIOSIS  
0\* FILE BIOTECHABS  
13\* FILE BIOTECHDS  
154\* FILE BIOTECHNO  
11 FILE CABA  
18 FILE CAPLUS  
3\* FILE CEABA-VTB  
1\* FILE CIN  
16 FILE CROPU  
118 FILE DGENE  
5 FILE EMBASE  
153\* FILE ESBIOBASE

0\* FILE FOKAD  
 0\* FILE FOREGE  
 1\* FILE FROSTI  
 4\* FILE FSTA  
 42 FILE GENBANK  
 3 FILE IFIPAT  
 2 FILE JICST-EPLUS  
 1\* FILE KOSMET  
 7 FILE LIFESCI  
 9 FILE MEDLINE  
 0\* FILE NTIS  
 0\* FILE NTRACEUT  
 176\* FILE PASCAL  
 0\* FILE PHARMAML  
 1 FILE PROMT  
 8 FILE SCISEARCH  
 29 FILE TOXCENTER  
 175 FILE USPAT2  
 14 FILE USPAT2  
 3 FILE VETU  
 0\* FILE WATER  
 6 FILE WPIDS  
 0\* FILE WPINDEX  
 QUE 15 (P) TOXIN  
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 L6  
 FILE 'PASCAL, USPATFULL, BIOTECNO, ESBIOBASE, DGENE, GENBANK, TOXCENTER,  
 CAPUS, BIOSIS, CROPU, USPAT2, BIOTCHDS, CABA' ENTERED AT 21:14:58 ON 23  
 JUN 2006  
 L7 935 S L6  
 L8 681 DUP REM L7 (254 DUPLICATES REMOVED)  
 L9 98 S L8 AND TRUNCATED  
 L10 70 S L9 AND CHIMERIC  
 L11 4 S L10 AND PS49C  
 => d l11 bib ab 1-4  
 L11 ANSWER 1 OF 4 USPATFULL on STN  
 AN 2004:167224 USPATFULL <<LOGINID::20060623>>  
 T1 Polynucleotides, pesticidal proteins, and novel methods of using them  
 IN Narva, Kenneth E., Carlsbad, CA, UNITED STATES  
 PA Merlo, Donald J., Carmel, IN, UNITED STATES  
 Mycogen Corporation, Indianapolis, IN, UNITED STATES, 46268-1054 (U.S.  
 corporation)  
 P1 US 2004128716 A1 20040701  
 AI US 2003-698096 A1 20031031 (10)  
 RLI Continuation-in-part of Ser. No. US 2001-850351, filed on 7 May 2001,  
 GRANTED, Pat. No. US 6656908 Continuation-in-part of Ser. No. US  
 1999-307106, filed on 7 May 1999, GRANTED, Pat. No. US 6603063  
 Continuation of Ser. No. US 1997-960780, filed on 30 Oct 1997, GRANTED,  
 Pat. No. US 6204435 Continuation of Ser. No. US 1998-73898, filed on 6  
 May 1998, GRANTED, Pat. No. US 6242669  
 PRAI US 1996-29848P 19961030 (60)  
 DT Utility  
 FS APPLICATION  
 LREP SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W.  
 41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669

CLIN Number of Claims: 31  
 ECL Exemplary Claim: 1  
 DRWN 1 Drawing Page(s)  
 LN.CNT 2649  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB Disclosed and claimed are novel Bacillus thuringiensis isolates,  
 pesticidal toxins, and genes. The subject invention also provides novel  
 methods of controlling diamond back moths.  
 L11 ANSWER 2 OF 4 USPATFULL on STN  
 AN 2002:187154 USPATFULL <<LOGINID::20060623>>  
 T1 Novel pesticidal toxins and nucleotide sequences which encode these  
 toxins  
 IN Feitelson, Jerald S., San Diego, CA, UNITED STATES  
 Schnepf, H. Ernest, San Diego, CA, UNITED STATES  
 Narva, Kenneth E., San Diego, CA, UNITED STATES  
 Stockhoff, Brian A., San Diego, CA, UNITED STATES  
 Schmeits, James, La Jolla, CA, UNITED STATES  
 Loewer, David, San Diego, CA, UNITED STATES  
 Dullum, Charles Joseph, San Diego, CA, UNITED STATES  
 Muller-Cohn, Judy, Del Mar, CA, UNITED STATES  
 Stamp, Lisa, Del Mar, CA, UNITED STATES  
 Mortill, George, El Cajon, CA, UNITED STATES  
 Finstad-lee, Stacey, San Diego, CA, UNITED STATES  
 P1 US 2002100080 A1 20020725  
 B2 20031202  
 AI US 2001-850351 A1 20010307 (9)  
 RLI Continuation of Ser. No. US 1998-73898, filed on 6 May 1998, GRANTED,  
 Pat. No. US 6242669 Continuation-in-part of Ser. No. US 1997-960780,  
 filed on 30 Oct 1997, GRANTED, Pat. No. US 6204435  
 PRAI US 1996-29848P 19961030 (60)  
 DT Utility  
 FS APPLICATION  
 LREP SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W.  
 41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669  
 CLIN Number of Claims: 22  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 4425  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 AB Disclosed and claimed are novel Bacillus thuringiensis isolates,  
 pesticidal toxins, genes, and nucleotide probes and primers for the  
 identification of genes encoding toxins active against pests. The  
 primers are useful in PCR techniques to produce gene fragments which are  
 characteristic of genes encoding these toxins. The subject invention  
 provides entirely new families of toxins from Bacillus isolates.  
 L11 ANSWER 3 OF 4 USPATFULL on STN  
 AN 2001:82994 USPATFULL <<LOGINID::20060623>>  
 T1 Pesticidal toxins and nucleotide sequences which encode these toxins  
 IN Feitelson, Jerald S., San Diego, CA, United States  
 Schnepf, H. Ernest, San Diego, CA, United States  
 Narva, Kenneth E., San Diego, CA, United States  
 Stockhoff, Brian A., San Diego, CA, United States  
 Schmeits, James, San Diego, CA, United States  
 Loewer, David, San Diego, CA, United States  
 Dullum, Charles Joseph, San Diego, CA, United States

Muller-Cohn, Judy, Del Mar, CA, United States  
Stamp, Lisa, San Diego, CA, United States  
Morrill, George, El Cajon, CA, United States  
Finstad-Lee, Stacey, San Diego, CA, United States  
Mycogen Corporation, Indianapolis, IN, United States (U.S. corporation)  
P1 US 6242669 B1 20010605  
A1 US 1998-73898 19980506 (9)  
R1 Continuation-in-part of ser. No. US 1997-960780, filed on 30 Oct 1997  
PRAI US 1996-29848P 19961030 (60)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Bugalsky, Gabriele E.  
LREP Saliwanchik, Lloyd & Saliwanchik  
CUMN Number of Claims: 48  
ECL Exemplary Claim: 13  
DRWN No Drawings  
LN.CNT 2079  
AB CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
Disclosed and claimed are novel *Bacillus thuringiensis* isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from *Bacillus* isolates.

L11 ANSWER 4 OF 4 USPATFULL ON STN  
AN 2001:40649 USPATFULL <<LOGINID::20060623>>  
T1 Pesticidal toxins and nucleotide sequences which encode these toxins  
IN Feltelson, Jerald S., San Diego, CA, United States  
Schnepf, H. Ernest, San Diego, CA, United States  
Narva, Kenneth E., San Diego, CA, United States  
Stochoff, Brian A., San Diego, CA, United States  
Schmeitz, James, San Diego, CA, United States  
Loewer, David, San Diego, CA, United States  
Dulium, Charles Joseph, San Diego, CA, United States  
Muller-Cohn, Judy, Del Mar, CA, United States  
Stamp, Lisa M., San Diego, CA, United States  
Mycogen Corporation, Indianapolis, IN, United States (U.S. corporation)  
P1 US 6204435 B1 20010320  
A1 US 1997-960780 19971030 (8)  
PRAI US 1996-29848P 19961030 (60)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Low, Christopher S. F.; Assistant Examiner: Bugalsky, Gabriele E.  
LREP Saliwanchik, Lloyd & Saliwanchik  
CUMN Number of Claims: 48  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1929  
AB CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
Disclosed and claimed are novel *Bacillus thuringiensis* isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from *Bacillus* isolates.

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FULL ESTIMATED COST		ENTRY	SESSION
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SESSION WILL BE HELD FOR 60 MINUTES			
STN INTERNATIONAL SESSION SUSPENDED AT 21:19:57 ON 23 JUN 2006			